

LOCTITE CORPORATION
SEABROOK, NEW HAMPSHIRE

The Loctite Corporation of Seabrook, New Hampshire manufactures adhesive products. Their product line includes hot melt glue-sticks and applicators, water-based and solvent-based mold release applicators, epoxies, and methyl methacrylate. In the past, the company has participated in the EPA Region 1 (New England) Startrack program. Currently, it is an OSHA VPP Star Site.

To improve environmental performance, the facility uses all employees as part of its environmental team. As a result, the plant has reduced both hazardous material use and hazardous solid waste generation through a combined effort of the research and development, manufacturing, and sales offices to find substitutes and ways to eliminate wastes.

The facility expects to realize benefits in addition to those listed as environmental commitments. For example, by reducing emissions of volatile organic compounds, the plant will also save 288,000 cubic feet of nitrogen. By reducing toxic emissions, the plant will be able to reduce material use, as well as prevent excess purging and recalculating for each resin type.

ENVIRONMENTAL PERFORMANCE

Past Accomplishments

The Loctite Corporation has demonstrated its commitment to environmental performance in hazardous material usage and removal of hazardous solid waste. Since 1998, Loctite Corporation has:

- **Reduced hazardous material use** by increasing the proportion of product lines using a water-based mold release compound from 30% to 38.5%. Previously, these lines had used a solvent-based mold release compound.
- **Removed hazardous solid waste** used in maintenance completely by challenging each department to look for alternatives and substitutions.

Future Commitments

AT A GLANCE:

Industry Sector:	SIC 2891, 2851
Business:	Manufactures adhesive products
Facility Employees:	100-499
Accomplishments:	Reduced hazardous material use Removed hazardous solid waste
2003 Commitments:	Reduce total solid waste Reduce hazardous solid waste Reduce emissions of toxics Reduce emissions of VOC's
Address:	One Dexter Drive Seabrook, New Hampshire 03874

Loctite Corporation has committed to environmental improvements in solid waste generation, hazardous solid waste generation, emissions of toxics and VOC's. By 2003, Loctite Corporation will:

- **Reduce total solid waste** by 25% through allowing production teams to find ways to reduce scraps and improve system performance.
- **Reduce hazardous solid waste** by over half through the use of alternative cleaning methods and by regulating production to reduce buildup.
- **Reduce emissions of toxics** by 50% through using less amine, which will allow the production system to build up less residuals.
- **Reduce emissions of VOC's** by changing the process purge requirements from overnight to one hour.

COMMUNITY OUTREACH

As part of their environmental management system, Loctite has set up a tracking and response system to assure quality responsiveness and to facilitate better contact with the community. The company also works with local community organizations, government groups, and businesses. When questions arise, the company not only makes phone calls, but also makes house visits to talk with local citizens. The facility hosts annual tours. They also have a website where the public can access more information.